

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**Declaration and Power of Attorney**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Ring Capacity Efficient Architecture**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119(a-d) or 365(a-b) of PCT or foreign application(s) for patent or inventors' certificate listed below or priority benefits under 119(e) of any United States provisional application(s) listed below and have also identified below any foreign application for patent or inventors' certificate having a filing date before that of the application on which priority is claimed:

**None**

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, we acknowledge the duty to disclose all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**None**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Samuel H. Dworetsky	(Reg. No. 27873)	Benjamin S. Lee	(Reg. No. 42787)
Thomas A. Restaino	(Reg. No. 33444)	Robert B. Levy	(Reg. No. 28234)
Robert T. Canavan	(Reg. No. 37592)	Susan E. McGahan	(Reg. No. 35948)
Michele L. Conover	(Reg. No. 34962)	Gary H. Monka	(Reg. No. 35290)
Cedric G. DeLaCruz	(Reg. No. 36498)	Jeffrey M. Navon	(Reg. No. 32711)
Rohini K. Garg	(Reg. No. 45272)	Alfred G. Steinmetz	(Reg. No. 22971)
Gregory J. Gorrie	(Reg. No. 36530)	Christine Szwerc	(Reg. No. 43177)
Thomas M. Isaacson	(Reg. No. 44166)		

I also appoint James A. Oliff (Reg. No. 27075), William P. Berridge (Reg. No. 30024), Kirk M. Hudson (Reg. No. 27562), Thomas J. Pardini (Reg. No. 30411), Paul Tsou (Reg. No. 37956) and Bud Y. Mathis (Reg. No. 44907) of Oliff & Berridge as associate attorneys, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

Please address all correspondence to Mr. S. H. Dworetsky, AT&T Corp., P.O. Box 4110, Middletown, New Jersey 07748. Telephone calls should be made to Robert B. Levy at 908-221-5714.

Full name of 1<sup>st</sup> joint inventor: James Capaldi, Jr.

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Date \_\_\_\_\_

3/12/0

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Year	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
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